IP NETWORK PA SYSTEM

OWNER'S MANUAL

Please follow the instructions in this manual to obtain the optimum results from this unit.
We also recommend that you keep this manual handy for future reference.

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1. SAFETY PRECAUTIONS

- Be sure to read the instructions in this section carefully before use.
- Make sure to observe the instructions in this manual as the conventions of safety symbols and messages regarded as very important precautions are included.
- We also recommend you keep this instruction manual handy for future reference.

Safety Symbol and Message Conventions

Safety symbols and messages described below are used in this manual to prevent bodily injury and property damage which could result from mishandling. Before operating your product, read this manual first and understand the safety symbols and messages so you are thoroughly aware of the potential safety

⚠ **WARNING**	Indicates a potentially hazardous situation which, if mishandled, could result in death or serious personal injury.
⚠ **CAUTION**	Indicates a potentially hazardous situation which, if mishandled, could result in moderate or minor personal injury, and/or property damage.

⚠ WARNING

When Installing the Unit

- Do not expose the unit to rain or an environment where it may be splashed by water or other liquids, as doing so may result in fire or electric shock.
- Use the unit only with the voltage specified on the unit. Using a voltage higher than that which is specified may result in fire or electric shock.
- Do not cut, kink, otherwise damage nor modify the power supply cord. In addition, avoid using the power cord in close proximity to heaters, and never place heavy objects -- including the unit itself -- on the power cord, as doing so may result in fire or electric shock.
- Be sure to replace the unit's terminal cover after connection completion. Because high voltage is applied to the speaker terminals, never touch these terminals to avoid electric shock.
- Be sure to ground to the safety ground (earth) terminal to avoid electric shock. Never ground to a gas pipe as a catastrophic disaster may result.
- Avoid installing or mounting the unit in unstable locations, such as on a rickety table or a slanted surface. Doing so may result in the unit falling down, causing personal injury and/or property damage.

When the Unit is in Use

- Should the following irregularity be found during use, immediately switch off the power, disconnect the power supply plug from the AC outlet and contact your nearest ITC dealer. Make no further attempt to operate the unit in this condition as this may cause fire or electric shock.
  - · If you detect smoke or a strange smell coming from the unit.
  - · If water or any metallic object gets into the unit
  - · If the unit falls, or the unit case breaks
  - · If the power supply cord is damaged (exposure of the core, disconnection, etc.)
  - · If it is malfunctioning (no tone sounds.)
- To prevent a fire or electric shock, never open nor remove the unit case as there are high voltage components inside the unit. Refer all servicing to your nearest ITC dealer.
- Do not place cups, bowls, or other containers of liquid or metallic objects on top of the unit. If they accidentally spill into the unit, this may cause a fire or electric shock.
- Do not insert nor drop metallic objects or flammable materials in the ventilation slots of the unit's cover, as this may result in fire or electric shock.

⚠ CAUTION

When Installing the Unit

- Never plug in nor remove the power supply plug with wet hands, as doing so may cause electric shock.
- When unplugging the power supply cord, be sure to grasp the power supply plug; never pull on the cord itself. Operating the unit with a damaged power supply cord may cause a fire or electric shock.
- When moving the unit, be sure to remove its power supply cord from the wall outlet. Moving the unit with the power cord connected to the outlet may cause damage to the power cord, resulting in fire or electric shock. When removing the power cord, be sure to hold its plug to pull.
- Do not block the ventilation slots in the unit's cover. Doing so may cause heat to build up inside the unit and result in fire.
- Avoid installing the unit in humid or dusty locations, in locations exposed to the direct sunlight, near the heaters, or in locations generating sooty smoke or steam as doing otherwise may result in fire or electric shock.

When the Unit is in Use

- Do not place heavy objects on the unit as this may cause it to fall or break which may result in personal injury and/or property damage. In addition, the object itself may fall off and cause injury and/or damage.
- Make sure that the volume control is set to minimum position before power is switched on. Loud noise produced at high volume when power is switched on can impair hearing.
- Do not operate the unit for an extended period of time with the sound distorting. This is an indication of a malfunction, which in turn can cause heat to generate and result in a fire.
- Contact your ITC dealer as to the cleaning. If dust is allowed to accumulate in the unit over a long period of time, a fire or damage to the unit may result.
- If dust accumulates on the power supply plug or in the wall AC outlet, a fire may result. Clean it periodically. In addition, insert the plug in the wall outlet securely.
- Switch off the power, and unplug the power supply plug from the AC outlet for safety purposes when cleaning or leaving the unit unused for 10 days or more. Doing otherwise may cause a fire or electric shock.

An all-pole mains switch with a contact separation of at least 3 mm in each pole shall be incorporated in the electrical installation of the building.

Due to product upgrades, while some of the features and specification in the user manual does not match the actual functions, sorry for any inconvenience and thanks for your kind understanding!

2. GENERAL DESCRIPTION

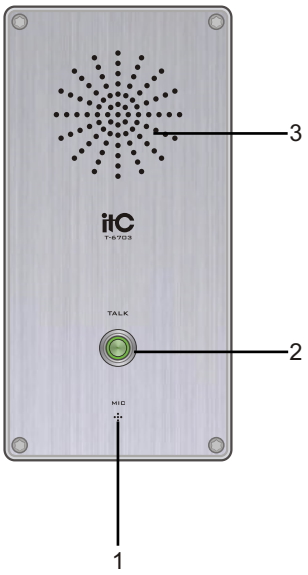
A key professional help network intercom terminal.
Suitable for indoor and outdoor, waterproof & explosion-proof; May initiate a key duty room intercom communication.

3. FEATURES

1. Simple appearance, beautiful lines, high-grade brushed aluminum panel, durable, both in-wall mount and surface mount design (with bottom box).
2. Embed PC technology, built-in DSP and high speed industrial chip to ensure start time less than 1 second.
3. A key to initiate a call to the target terminal, full-duplex communication, simple, fast connection.
4. Built-in high sensitivity microphone for long distance voice pick up, high reducibility tone.
5. Built-in a 5W full range monitor speaker of excellent voice restoration.
6. Built-in 10W class-D amplifier to power 4Ω & 10W speaker.
7. Hand free communication system.
8. Support 1 road short-circuit the input terminals, local electronic lock control linkage.
9. Support local emergency signal input.
10. A short circuit output, there are two kinds of trigger mode optional, and can be used for linkage video or alarm indicator lamp.
11. Safe DC 11.5V~24.5V power adapter supplied.
12. Aluminum mounting box supplied with both surface mount and in-wall mount design.
13. Full aluminum body for weatherproof IP55 level and explosive-proof design.
14. Support WAN, LAN, Span gateway and cross router.

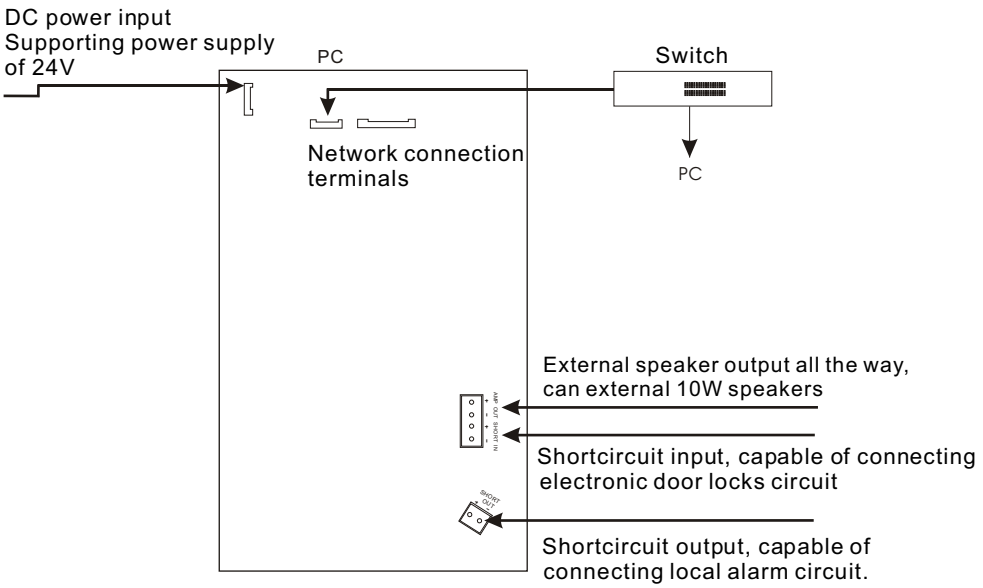
4. NOMENCLATURE AND FUCTIONS

- Front panel



1. mic input, capable of paging or intercom.
2. The call button and call status indicator
   pressing this key for paging, keyboard shortcut, one key for paging or help.
   1) indicator will be bright red if it is powered on normally;
   2) indicator will be bright green if network connection is normal;
   3) while call waiting, indicator a is on (flashing green light, 500ms/time);
   4) when the intercom is linked, indicator a and b are on (flashing orange light)
3. loud speaker output
   while there is signal of one key for help or playing network bgm, the speaker will sound.

- Connection Diagram of the unit



5. OPERATION

1). Connect the "TERMINAL" on this terminal and "TERMINAL" on the computer with a serial cable, or convert into a usb port, click "start" button and then choose the "All programs", find "ITC intelligent network broadcasting" and select "terminal configuration program 2.36", run the software program, open Configuration dialog box to open the terminal in Figure 1, in the way for the serial port connection, click "Search" dialog box appears as shown in Figure 2.

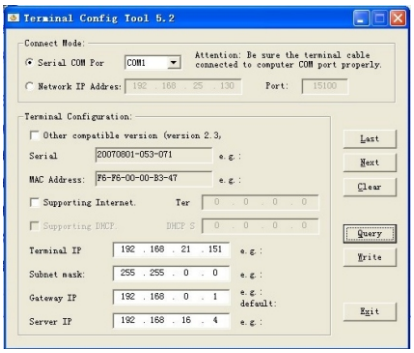


Figure 1

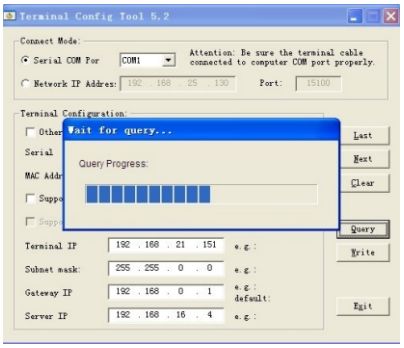


Figure 2

Queries (if terminal configuration) is completed, confirm the IP address , input the correct address (such as: 192.168.1.100), the dialog box appears as shown in Figure 3. Confirm the crrect IP address, click "input", write complete Recognized IP address, the dialog box appears as shown in Figure 4 (terminal configuration will automatically obtain the physical address of the MAC)

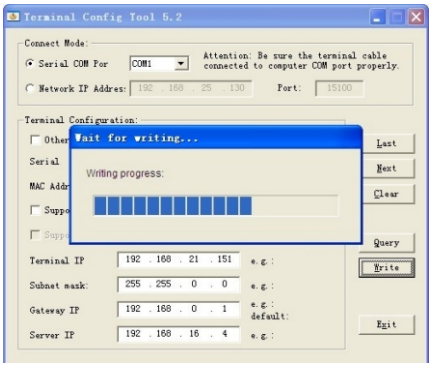


Figure 3

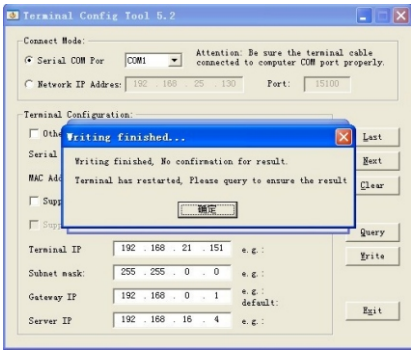


Figure 4

Click "OK", change the connection way to"network", and input the same IP address same as that in the IP address bar in the Figure 5.click " Query ", when Inquiry is completed, the dialog box appears as shown in Figure 6. The terminal configuration is successful.

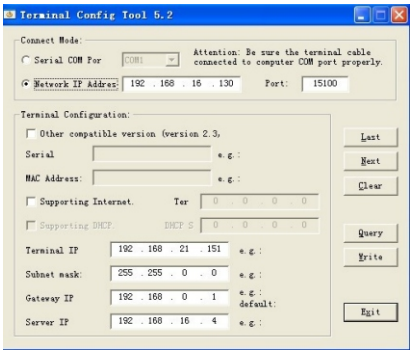


Figure 5

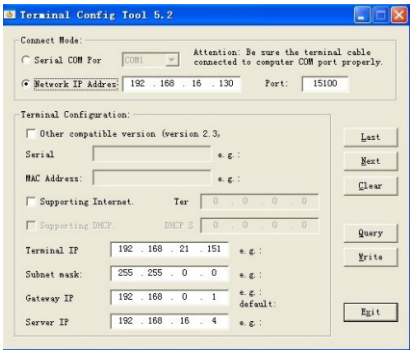


Figure 6

2) IP network broadcasting system settings:
In the "Terminal Configuration", choose one terminal, and make the intercom code to be the call center of T-6703,then when push the "call" button on the T-6703), the intercom between two terminals starts.

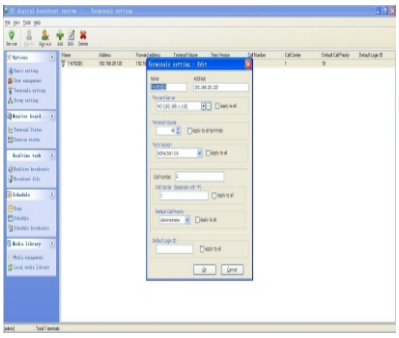
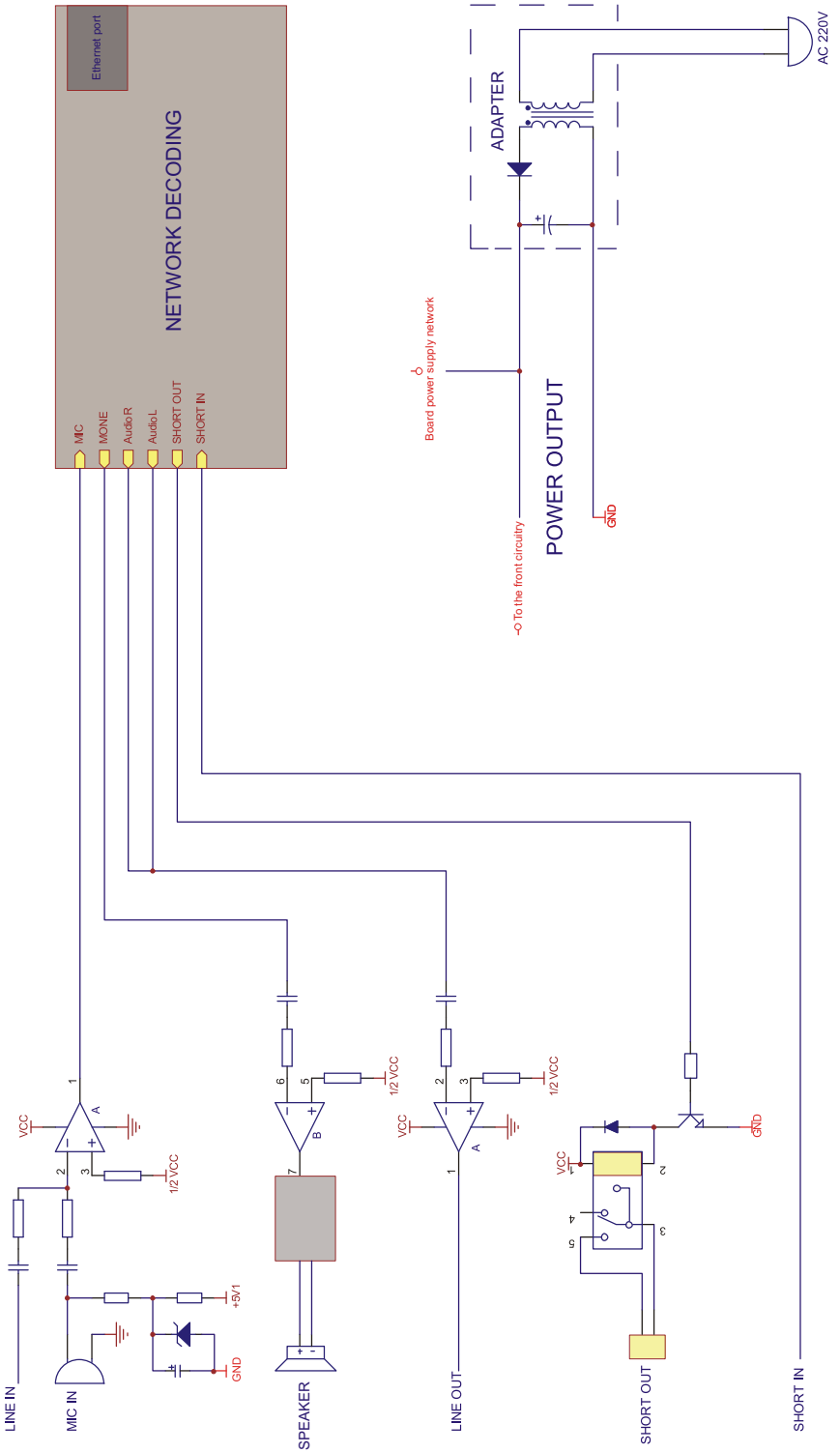


Figure 7

3) The network connection is normal, intercom panel indicator green, press the "talk back" after the call button, can call the call center, after the call center answering, you can achieve two terminals talk back between, such as unanswered or more than 20S unanswered, it will prompt no promise to each other. agreed to talk on the phone, after the trumpet will be each other's voice.
4) When the call center calls on the machine, can appear have a call, press the "speaker" call button response, can be connected on both ends of the dialogue between, if nobody reply, or more than 20S unanswered, it will be prompted to the other party no response, if after answering calls, speakers will be each other's voice.
5) When there is audio input, after the call center answering, will appear in the call center speaker back ground music, "AUX" if nobody reply, answering calls, the horn will be each other's voice.
6) When playing I P network radio music file, the speaker with "AMP OUT" background music will have network in the output.
7) Connection good electronic door lock, when the door is opening or closing triggered when a short circuit signal input to the terminal "SHORT IN".
8) Short circuit output function has a short circuit output trigger mode optional:
① When press the "speaker" button on the panel, it can call the call center, at the same time also can trigger short circuit output function, can be used for linkage video or other devices.
② When playing I P web casts in the emergency alarm signal when the speaker with "AMP IN" there will be alarm signal output, at the same time "SHORT OUT" there will be A short circuit signal output.

6. BLOCK DIAGRAM



7. SPECIFICATIONS

Model	T-6703
Network Input	Standard Rj45 input
Protocol Support	TCP/IP,UDP,IGMP (group broadcasting)
Audio Format	MP3/MP2
Sampling Rate	8K~48KHz
Transmit Speed	10/100M bps
Audo Mode	16-bit stereo CD sound level
Frequency Output	20Hz~16KHz
T.H.D	≤0.3%
S.N	>70dB
Aux Line Voltage Input	350mV Industrial standard screw terminals
Sources Voltage Output	1V Industrial standard screw terminals
Working Tempreture	5℃~40℃
Working Humidity	20%~80% Relative humidity, no condensing
Power Consumption	≤20W
Power Supply	DC24V
Dimension	240X105X56mm
N.W	1Kg

INTELLCETIVE PUBLIC ADDRESS SYSTEM

VersionV0.2